**Amendments to the Specification:**

Please replace the paragraph beginning at page 7, line 6 with the following rewritten paragraph.

Low resolution component images are extracted from the image generator output data streams using the control signals to identify the components and control the processing, resampled to the same pixel size as the high resolution images, and stored in the output frame store 10. Resampling into smaller pixels can be performed by the use of a standard interpolation method, for example b[[y]]i-linear interpolation, to transition the data between the pixel values produced by the image generat[[ion]]or [[apparatus 2]] 4. Other interpolation equations may be used as an alternative, as well as adaptive method which depend upon the complexity of the computed image surrounding the interpolation interval. It is preferred but not essential that the lower resolution pictures are generated with a pixel size which is a multiple of the smallest pixel size used in the apparatus 2.